

WASHINGTON WHEAT VARIETIES 2003 CROP July 11, 2003



U.S. Department of Agriculture
Washington Agricultural Statistics Service
P.O. Box 609, Olympia, WA 98507

Eltan, Madsen and Alpowa Remain Top Washington Wheat Varieties

The total planted **Wheat** acreage decreased 20,000 acres from 2002 as a result of a 70,000 acre decrease in spring wheat and a 50,000 acre increase in winter wheat. Spring wheat planted is estimated at 550,000 acres and winter wheat estimated at 1.85 million acres.

Winter wheat by class indicated common white wheat dominating with 80 percent of the planted acreage at 1,487,000 acres. Hard Red and White Club wheats rounded out the winter wheat with 8 and 12 percent of the acreage respectively. Hard Red is estimated to have increased to 148,300 compared to 133,000 acres in 2002, while White Club saw a comparable decrease resulting in an estimate of 214,700 acres planted.

Eltan, Madsen, Madsen-Rod mix and Stephens comprise the top four indicated varieties of common white wheat. These top four account for 66 percent of the total common white acreage. The remainder of the white wheat is comprised of 46 other reported varieties or mixtures of which 33 met criteria for publishing.

The top four varieties of hard red, accounting for 64 percent of the total acreage were Finely, Hatton, Weston and Buchanan respectively. Also making a good showing is Declo coming in as the fifth ranked variety, resulting in the top 5 accounting for almost 71 percent of the total hard red wheat planted.

The top four varieties of white club consisted of Bruehl, which seemed to pull away from the pack in 2003 showing a greater than 22,000 acres increase with an estimated acreage of 101,700. Following were Edwin, Coda and Rely with planted acres being estimated at 38,700, 27,700 and 25,200 respectively.

Common white, the leading class of **spring wheat**, comprised 58 percent of the total spring wheat acres. Alpowa was a run away when considering the varieties, with 217,000 acres planted representing 68 percent of the total. Zak was the second most popular variety with an estimated 50,200 acres planted representing 16 percent of the total. Closing out the top three was Wakanz with 19,500 acres and 6 percent of the planted acres.

Hard red spring acreage increased over 2002 with an

estimated 188,100 acres planted in 2003 representing 34 percent of the spring wheat acreage. The top three varieties making up 67 percent of the total hard red spring were Scarlet with 49,200 acres, Westbred Express with 38,600 acres and Westbred 926 with 38,300 acres.

Hard white acreage also increased, showing a just under 30,000 acre increase from 2002 with an estimated 44,300 planted acres. Idaho 377S was the leading variety with Blanca Grande falling second in ranking. These top two varieties accounted for 81 percent of the planted hard white.

Spring club showed an increase from 2002 with 1,100 acres planted. White club was included in the common white section of this report in order to maintain confidentiality.

The 2003 Wheat Variety Survey was conducted as a non-probability survey in conjunction with the 2003 Barley Variety Survey. Data were collected by mail and phone interviews throughout April, May, and June. Response to the survey was excellent. For winter wheat 1,593 reports were summarized, totaling 1,147,140 acres or 62 percent of the state's total winter wheat. For spring wheat 989 reports were summarized, totaling 347,088 acres or 63 percent of the State's total spring wheat acreage. Varieties were estimated at the state and district levels. Any variety with less than three reports at either the district or the state level was moved to the "Other Varieties" category to avoid any possible disclosure of individual operations. For certain varieties, the sum of the districts may be less than the state due to this procedure. The sum of the district estimate for the "Other Varieties" category is greater than the state estimate for this same reason.

Thanks are given to all of the Washington farmers and ranchers who voluntarily provided the information that made these estimates possible.

Funding for the 2003 Wheat Variety Survey was provided by the Washington Wheat Commission.

Ray Garibay
State Statistician

Brandi Mulrony
Student Trainee

Winter Wheat: Acres Planted by Variety, By Agricultural Districts, Washington, 2001-2003

Class and Variety		2001 Total	2002 Total	2003 Total 1/	2003				
					West	Central	N. East	E. Central	S. East
		Acres	Acres	Acres	Acres				
COMMON WHITE	Eltan	438,200	391,200	445,600	-	12,500	-	430,000	2,400
	Madsen	397,900	308,500	307,900	400	10,300	58,300	43,000	195,900
	Madsen-Rod*	145,000	148,100	149,800	-	-	10,300	6,500	133,000
	Stephens	83,800	111,600	83,400	-	12,600	-	23,000	45,800
	Cashup	74,900	76,000	67,300	3,300	-	-	2,500	60,000
	Lambert	41,200	46,900	51,800	-	-	-	5,000	41,300
	Eltan-Madsen*	53,500	48,200	49,700	-	-	6,900	40,200	-
	Rod	34,200	32,200	44,800	-	-	-	7,600	35,800
	Lambert-Madsen*	33,800	37,100	29,800	-	-	-	-	27,500
	Lewjain	29,700	25,200	27,800	-	-	2,600	19,600	5,600
	WPB 470	10,000	27,900	27,500	-	20,400	-	2,200	4,900
	Albion	19,400	20,000	19,600	700	-	-	13,000	5,200
	Eltan-Lewjain*	8,400	9,700	15,300	-	-	-	15,300	-
	Cashup-Rod*	1,100	6,400	14,500	-	-	-	-	14,500
	Weatherford	2,100	6,200	11,500	-	4,600	-	-	6,800
	Hill 81-Madsen-Rod*	12,500	15,100	10,900	-	-	-	-	10,900
	Madsen-Stephens*	3,200	7,200	10,600	-	2,700	-	-	7,900
	Lambert-Madsen-Rod*	2,600	5,500	9,300	-	-	-	-	9,300
	Eltan-Rod*	7,500	6,600	8,500	-	-	1,400	7,100	-
	Hill 81	8,900	7,200	6,200	-	-	2,200	-	4,000
	Madsen-Rod-WPB470*	3,500	5,000	6,000	-	-	-	-	6,000
	Rod-Stephens*	-	9,400	5,400	-	-	-	-	5,400
	Quantum 7817	3,100	4,700	5,400	-	-	-	5,200	-
	Basin-Cashup-Madsen*	-	-	4,600	-	-	-	4,300	-
	Malcolm	11,000	10,800	3,800	-	-	-	-	-
	MJ 4	-	4,700	3,700	-	-	-	-	1,200
	Brundage	-	-	3,500	-	-	-	-	1,700
	MacVicar	-	-	2,200	-	-	-	-	-
	Lewjain-Madsen*	2,200	-	2,100	-	-	-	2,100	-
	Sprague	2,500	-	1,900	-	-	-	-	-
	Hill 81-Madsen*	3,100	3,100	1,800	-	-	-	-	1,800
	Daws	2,800	1,100	1,700	-	-	800	-	-
	Moehler	-	-	1,400	-	-	-	200	1,200
	Clearfirst	-	-	1,000	-	-	-	-	500
	Finch	-	-	700	-	-	-	700	-
	Basin	1,600	600	600	-	-	-	-	-
	Tubbs	-	-	500	-	-	-	-	-
	Albion-Eltan *	-	7,200	-	-	-	-	-	-
	BlueJane	-	2,500	-	-	-	-	-	-
	Cashup-Madsen*	2,600	-	-	-	-	-	-	-
	Eltan-Lewjain-Madsen	1,500	-	-	-	-	-	-	-
	Gene	4,600	-	-	-	-	-	-	-
	Lambert-Rod*	5,400	4,200	-	-	-	-	-	-
	Madsen-Rod-Eltan	2,600	-	-	-	-	-	-	-
	Madsen-Rod-Stephens*	7,200	-	4,600	-	-	-	-	-
	Rudy	-	1,800	-	-	-	-	-	-
	Other Common White	11,200	43,900	44,300	2,600	9,200	10,300	18,300	40,500
Total Common White		1,472,800	1,435,800	1,487,000	7,000	72,300	92,800	645,800	669,100
WHITE CLUB	Bruehl	4,400	79,400	101,700	-	-	-	100,900	800
	Edwin	39,200	54,400	38,700	-	-	-	36,100	-
	Coda	63,400	37,800	27,700	-	2,200	-	21,100	4,300
	Rely	88,400	37,700	25,200	-	-	-	23,800	-
	Moro	16,000	12,800	13,100	-	-	-	12,100	-
	Chuckar	-	-	3,500	-	-	-	3,500	-
	Hiller	9,600	4,800	2,600	-	-	-	2,100	-
	Rohde	800	2,700	-	-	-	-	-	-
	Tres	1,400	-	-	-	-	-	-	-
	Hyak	3,800	-	-	-	-	-	-	-
	Other White Club	3,000	1,600	2,200	-	2,600	100	300	4,800
Total White Club		230,000	231,200	214,700	-	4,800	100	199,900	9,900

1/ The sum of the districts by variety may not add to the state total to avoid disclosure of individual operations.

- Not estimated or combined with the "Other" category. * Denotes mixtures.

Winter Wheat: Acres Planted by Variety, By Agricultural Districts, Washington, 2001-2003 (cont.)

Class and Variety		2001	2002	2003	2003				
		Total	Total	Total 1/	West	Central	N. East	E. Central	S. East
		Acres	Acres	Acres	Acres				
HARD RED	Finley	33,300	27,300	34,600	-	29,200	-	5,400	-
	Hatton	34,800	32,300	31,200	-	-	-	27,600	-
	Weston	11,000	9,500	14,500	-	11,600	-	2,900	-
	Buchanan	21,400	19,900	14,000	-	9,300	-	4,700	-
	Declo	-	-	10,600	-	700	-	9,600	300
	Symphony	10,700	13,100	8,000	-	-	-	5,200	2,800
	Semper	-	-	7,600	-	-	-	2,900	4,700
	Residence	-	-	4,100	-	-	-	3,000	1,000
	Columbia 1	3,000	-	2,700	-	-	-	-	2,000
	Wanser	4,300	-	2,600	-	-	-	-	-
	Estica	8,000	6,500	2,400	-	-	-	2,300	-
	Boundary	3,000	2,400	2,000	-	-	-	-	-
	Quantum (Q542)	8,300	3,700	1,600	-	-	-	-	-
	Other Hard Red	9,400	18,300	12,400	-	12,100	100	8,700	2,200
Total Hard Red		147,200	133,000	148,300	-	62,900	100	72,300	13,000
TOTAL WINTER WHEAT		1,850,000	1,800,000	1,850,000	7,000	140,000	93,000	918,000	692,000

1/ The sum of the districts by variety may not add to the state total to avoid disclosure of individual operations. * Denotes mixtures. - Not estimated or combined with the "Other" category.

Spring Wheat: Acres Planted by Variety, By Agricultural Districts, Washington, 2001-2003

Class and Variety		2001	2002	2003	2003				
		Total	Total 3/	Total 1/	West	Central	N. East	E. Central	S. East
		Acres	Acres	Acres	Acres				
COMMON WHITE	Alpowa	289,300	271,800	217,000	-	-	16,000	118,800	56,200
	Zak	3,300	88,700	50,200	-	-	6,000	12,400	31,100
	Wakanz	33,000	17,500	19,500	-	-	-	-	19,400
	Edwall	13,000	14,500	6,100	-	-	1,100	2,000	2,800
	Penawawa	26,200	8,900	4,900	-	-	1,100	1,700	700
	Wawawai	25,400	14,400	3,000	-	-	-	-	2,700
	Wadual	3,400	2,900	2,000	-	-	-	2,000	-
	Challis	6,500	9,000	1,100	-	-	-	-	-
	Alpowa-Edwall*	5,000	2,800	-	-	-	-	-	-
	Wakanz-Alpowa*	2,000	-	-	-	-	-	-	-
	Westbred Vanna	11,200	1,400	-	-	-	-	-	-
	White Club	3,600	400	-	-	-	-	-	-
	Other Common White	3,600	9,000	13,800	1,000	29,500	600	3,400	9,100
Total Common White		425,500	441,300	317,600	1,000	29,500	24,800	140,300	122,000
HARD RED	Scarlet	44,000	46,200	49,200	-	24,300	-	18,000	6,700
	Westbred Express	48,100	28,700	38,600	-	5,700	-	25,200	7,300
	Westbred 926	53,400	35,000	38,300	-	-	2,700	700	34,800
	Hank	11,800	11,300	19,300	-	500	-	1,300	17,500
	Jefferson	7,700	12,800	14,600	-	-	-	4,800	9,100
	Westbred 906R	4,400	4,100	4,200	-	-	-	-	4,000
	Yecora Rojo	4,000	3,900	4,000	-	4,000	-	-	-
	Spillman	7,600	3,800	3,700	-	-	-	3,700	-
	Pronto (Buck Pronto)	2,600	2,000	3,600	-	-	-	700	2,700
	Sunstar (II)	1,600	5,200	3,100	-	-	-	3,100	-
	Tara 2002	-	-	2,600	-	-	1,200	-	1,000
	Westbred 936	3,000	3,600	900	-	-	-	-	700
	Butte 86	8,600	1,600	-	-	-	-	-	-
	Other Hard Red	13,700	6,000	6,000	-	1,000	1,400	3,800	2,200
Total Hard Red		210,500	164,200	188,100	-	35,500	5,300	61,300	86,000
HARD WHITE	Idaho 377S	3,400	8,000	21,400	-	-	7,100	11,000	3,300
	Blanca Grande	-	2,500	14,600	-	-	-	9,500	5,000
	Winsome	500	-	3,000	-	-	-	2,100	900
	Lolo	-	-	2,200	-	-	-	-	900
	Macon	-	-	1,800	-	-	-	1,700	-
	Plata	-	-	900	-	-	-	500	-
	Other Hard White	100	4,000	400	-	-	800	600	900
Total Hard White		4,000	14,500	44,300	-	-	7,900	25,400	11,000
TOTAL SPRING WHEAT		640,000	620,000	550,000	1,000	65,000	38,000	227,000	219,000

1/ The sum of the districts by variety may not add to the state total to avoid disclosure of individual operations.

2/ "Total Common White" includes an estimated 3,600 acres of White Club spring varieties in 2001, 400 acres in 2002, and 1,100 acres in 2003 at both District and State levels. 3/ Revised.

* Denotes mixtures.

- Not estimated or combined with the "Other" category.

Wheat Planted: Spring, Winter, and All, Washington, 2001 and 2002

County	Spring Wheat		Winter Wheat		All Wheat	
	2001	2002	2001	2002	2001	2002
COUNTY	Acres		Acres		Acres	
Adams	57,100	46,000	275,200	263,000	332,300	309,000
Asotin	6,400	7,000	21,000	19,600	27,400	26,600
Benton	32,500	35,600	84,000	83,000	116,500	118,600
Columbia	30,300	29,000	70,000	65,500	100,300	94,500
Douglas	40,900	34,000	148,900	148,400	189,800	182,400
Franklin	21,300	13,000	70,400	64,500	91,700	77,500
Garfield	22,900	22,000	61,800	59,500	84,700	81,500
Grant	44,900	41,000	139,000	135,000	183,900	176,000
Klickitat	21,500	25,000	22,000	21,500	43,500	46,500
Lincoln	99,800	124,000	271,500	278,100	371,300	402,100
Okanogan	3,000	3,000	6,700	7,300	9,700	10,300
Skagit	-	-	-	-	-	-
Snohomish	-	-	-	-	-	-
Spokane	35,900	47,000	90,500	86,400	126,400	133,400
Stevens	2,800	1,900	5,100	4,300	7,900	6,200
Walla Walla	59,600	40,000	182,500	183,500	242,100	223,500
Whatcom	-	-	-	-	-	-
Whitman	146,800	139,600	373,700	353,900	520,500	493,500
Yakima	11,000	10,000	19,000	18,700	30,000	28,700
Other Counties	3,300	1,900	8,700	7,800	12,000	9,700
DISTRICTS						
West	1,000	600	7,000	6,000	8,000	6,600
Central	70,000	74,500	133,000	132,000	203,000	206,500
Northeast	39,000	49,300	96,000	91,000	135,000	140,300
East Central	264,000	258,000	905,000	889,000	1,169,000	1,147,000
Southeast	266,000	237,600	709,000	682,000	975,000	919,600
STATE TOTAL	640,000	620,000	1,850,000	1,800,000	2,490,000	2,420,000

- Not estimated or combined with the "Other" category.

Agricultural Statistics Districts (ASD)

